

Candidate Name: _____
Profile Applied: _____
Time Limit: 30 Min.

Date: _____
Total Marks: 11
Marks Obtained: _____

Qs 1. A sum of money becomes 3 times in 5 yr at simple interest. In how many years, will the same sum become 6 times at the same rate of simple interest?

- ☐ 10 yr
- ☐ 10.5 yr
- ☐ 12 yr
- ☐ 12.5 yr

Qs 2. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the new profit?

- ☐ 30%
- ☐ 70%
- ☐ 100%
- ☐ 250%

Qs 3. The age of the father 10 years ago was thrice the age of his son. Ten years hence, the father's age will be twice that of his son. The ratio of their present ages is:

- ☐ 5:2
- ☐ 7:3
- ☐ 9:2
- ☐ 13:4

Qs 4. If 20% of $(P+Q)$ = 50% of $(P-Q)$, then find $P:Q$

- ☐ 3:7
- ☐ 7:3
- ☐ 4:5
- ☐ 7:4

Qs 5. What is the probability of getting a sum 5 from two throws of a dice?

- ☐ $\frac{1}{9}$
- ☐ $\frac{1}{8}$
- ☐ $\frac{1}{7}$
- ☐ $\frac{1}{6}$

Qs 6. Find the incorrect term

1, 1, 2, 6, 24, 96, 720

- ☐ 720
- ☐ 6
- ☐ 24
- ☐ 96

Qs 7. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

- ☐ 7
- ☐ 10
- ☐ 12
- ☐ 13

Qs 8. Joe is younger than Kathy
Mark was born after Joe
Kathy is older than Mark

If the first two statements are true, the third statement is

- ☐ True
- ☐ False
- ☐ Uncertain

Qs 9. In a four-day period Monday through Thursday each of the following temporary office workers worked only one day, each a different day. Ms. Johnson was scheduled to work on Monday, but she traded with Mr. Carter, who was originally scheduled to work on Wednesday. Ms. Falk traded with Mr. Kirk, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday?

- ☐ Carter
- ☐ Falk
- ☐ Johnson
- ☐ Kirk

Qs 10. Write a program to print all prime numbers upto 100.

Qs 11. Write a program to print the sum of two arrays in the third array.